Motherboards

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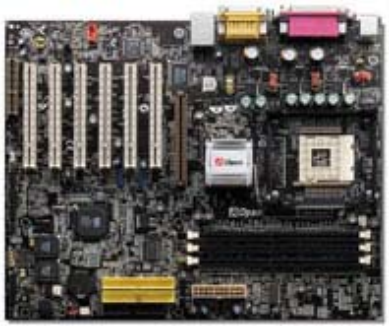
AX45-533 U2



Intel Pentium 4: Socket 478

CPU
- Intel Pentium 4 CPU
- 533MHz

Chipset
- SiS 645DX
- SIS 962L

Main Memory
- DDR DIMM x 3

Graphics
- 4X AGP slot

Form Factor
- ATX

Overview | Key Features | Specifications

CPU	Intel Pentium 4 CPU Socket 478 533MHz
Chipset	SiS 645DX SIS 962L
Super I/O	Winbond
Clock Gen.	ICS
Main Memory	Support : DDR333 [PC2700] DDR DIMM x 3 DIMM Type : 8/16/32/64/128/256/512MB & 1GB Max Memory : 2GB (or 3GB with DDR266)
Graphics	4X AGP slot
IDE	Integrated ATA133 Controller Max Disk : 144,000,000GB [by 48 bits LBA Spec.]
LAN	Realtek 10/100Mbps PCI LAN Chip
Sound	Realtek AC'97 CODEC on-board
USB	USB2.0 x 6
Slots	AGP x 1 PCI x 6 CNR x 1
Storage & Back Panel I/O	Floppy Drive Connector x 1 IDE Channel : ATA133 x 2 PS/2 Keyboard x 1 PS/2 Mouse x 1 LAN Port x 1 USB Port x 2 COM Port x 2 Printer Port x 1 Game/MIDI Port x 1 Line_In x 1 MIC_In x 1 Speaker_Out x 1
On Board Connector	CPU FAN x 1 System FAN x 1 Chassis FAN x 1 Case Open Connector x 1 Front Audio x 1 Front Panel x 1 USB Port x 4 (optional cable) S/PDIF x 1

	CD_IN x 1 IrDA x 1 Wake on LAN x 1 Wake on Modem x 1 MODEM_CN x 1 Dr LED x 1
BIOS	Award PnP 2Mb Flash ROM BIOS
Form Factor	ATX
Board Size	305 mm x 244 mm
Software & Utility	Acrobat Reader Norton Anti-Virus AOconfig utility EzRestore/ProMagic EzWinFlash utility SilentTek Software Online eBook Manual
Accessory	Easy Installation Guide Enhanced Full Pictured Manual EzRestore Guide Bonus Pack CD disc Floppy Disk cable 80-wire IDE cable Two ports USB2.0 cable x 1 CPU Retention Module x 1

Specifications and accessory subject to changes without prior notice

Overview **Key Features** **Specifications**

- Supports ATA133 IDE Interface
- AGP Protection Technology
- CPU Over Current Protection (OCP)
- Hardware Monitoring
- SilentTek Noise Reduction Technology (From R3.0.04a)
- Chassis Intrusion Detector
- Resetable Fuse for Keyboard and USB
- 1MHz Stepping CPU Overclocking
- AC Power-On Auto Recovery
- Battery-less & Long-life Design
- Dr Voice II
- WatchDog ABS -- Intelligent Overclocking Anti-lock Break System
- Dr LED Debug Tool (optional module)
- CPU Jumper-less Design
- Vivid BIOS Technology
- EzWinFlash BIOS
- DMI management under Windows
- EzRestore/ProMagic HDD Crash Protection
- Suspend to Disk (ACPI S4)
- Suspend to RAM (ACPI S3)
- DieHard BIOS Lite
- Wake on Keyboard/ Mouse
- Wake on LAN
- Wake on Modem
- Full Colored Easy Installation Guide

Overview **Key Features** **Specifications**

Customer Reviews (0) Average Rating ☆☆☆☆☆ +

WRITE A REVIEW-

Overview

Supports ATA133 IDE Interface

AOpen recommends you to pair your system with the hard disk equipped with ATA-133 technology to get the best performance of the new motherboards and to satisfy your system's need for speed.

CPU Over Current Protection (OCP)

The Over Current Protection was very popular implemented on ATX 3.3V/5V/12V switching power supply. However, the new generation CPU uses different voltage that has regulator to transfer 5V to CPU voltage (for example, 2.0V), and makes 5V over current protection useless.

SilentTek Noise Reduction Technology

AOpen's SilentBIOS/TEK is by no means a flawless execution of an embedded thermal fan control system in a motherboard.....SilentTEK could become a polished and useful tool that no quiet computing enthusiast would want to be without...

Chassis Intrusion Detector

The “CASE OPEN” header provides chassis intrusion-monitoring function. To make this function works, you have to enable it in the system BIOS, connect this header to a sensor somewhere on the chassis. So, whenever the sensor is triggered by the movement of opening the chassis, the system will send out beep sound to inform you.

Resetable Fuse for Keyboard and USB

Traditional motherboard has fuse for Keyboard and USB port to prevent over-current or shortage. These fuses are soldered onboard that when it is broken (function as protecting the motherboard), user still cannot replace it and the motherboard is still malfunctioning. With expensive Resettable Fuse, the motherboard can be resumed back to normal function after the fuse had done its protection job.

1MHz Stepping CPU Overclocking

Some of AOpen's motherboards come with a newly designed clock generator that allows a 1MHz step increment on the Front Side Bus (FSB), making gradual over-clocking possible through the BIOS software. AOpen motherboard features a variety of easy overclocking options that help your system get maximum performance.

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